



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

1594 West North Temple, Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5291

801-359-3940 (Fax)

801-538-5319 (TDD)

July 23, 1996

G. Duane Crutchfield
Ash Grove Cement Company
P.O. Box 51
Nephi, Utah 84648

Re: Request for Highwall Variance, Ash Grove Cement Company (Ash Grove), Leamington Plant, M/023/004, Juab County, Utah

Dear Mr. Crutchfield:

The information contained in your letter of July 8, 1996, has addressed the highwall variance comments in our second response document dated April 4, 1996. The initial December 26, 1995, submission combined with this latest information is sufficient to justify the highwall variance. Specifically, the text describes an overall highwall slope of 2 vertical to 1 horizontal (approximately 63 degrees) for the new highwall area as shown on the Revised Base Map received July 12, 1996. The new highwall angle is projected to be stable based on the stability of historic highwalls in the vicinity which are within the same geologic units as the proposed new highwalls. The presence of significant fault or fracture zones in the proposed highwall area was not discussed; therefore, these features are believed to be nonexistent in the variance area.

By this letter, the Division hereby grants a variance from Rule R647-4-111. 7. This variance allows Ash Grove to construct highwalls which are approximately 63° in the "current quarry area" as shown on the maps included with the April 4, 1996, letter. Please note that this variance is not automatically extended to other portions of the mine site. A separate variance request with justification must be made for other areas or other highwall configurations. Please note that a separate variance request may be appropriate if Ash Grove does not intend to revegetate the highwall benches or quarry floor.

If you have any questions in this regard please do not hesitate to contact me, Tony Gallegos, or Tom Munson of the Minerals staff.

Sincerely,

D. Wayne Hedberg
Permit Supervisor
Minerals Regulatory Program

cc: Gary Doolittle, Ash Grove Cement
438 Gladeola St., Golden, CO 80401
Ted Fitzgerald, USFS Fish Lake NF
Lowell Braxton, DOGM

